

Converting Colors

$Y_{xy}(39.3850, 0.2407, 0.2199)$

Have a look what the booklet for
Yxy(39.3850, 0.2407, 0.2199)
contains.

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Color

Yxy(39.3850, 0.2407, 0.2199)

Conversions

Conversions Part 1

Format	Color
Hex	97A2FB
RGB	151, 162, 251
RGB Percent	59%, 64%, 98%
CMY	0.4075, 0.3648, 0.0156
CMYK	0.40, 0.35, 0.00, 0.02
HSL	233°, 93%, 79%
HSV	233°, 40%, 98%
XYZ	43.1104, 39.3850, 96.6088
YIQ	168.8570, -35.1250, 25.3470

Conversions

Conversions Part 2

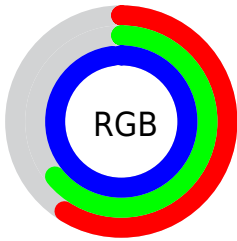
Format	Color
RYB	151, 161, 251
Decimal	9937659
CIELab	69.03, 17.66, -45.58
CIElCh	69, 48.883, 291.178
Yxy	39.3850, 0.2407, 0.2199
Android (android.graphics.Color)	4288127739 (0xFF97A2FB)
YUV	168.8570, 40.4965, -15.6606
Hunter-Lab	62.7575, 12.7925, -47.3407

Details

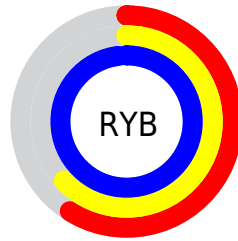
The Yxy color **39.3850, 0.2407, 0.2199** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **85.1528, 0.3764, 0.4185**, and the grayscale version is **39.4192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2556, 0.2827, 0.2883**, and **17.6968, 0.2208, 0.1940** is the 20% darker color. If you saturate the color by 10%, you get **30.0423, 0.2200, 0.1871**, and if you desaturate by 10%, it is **50.6436, 0.2609, 0.2513**.

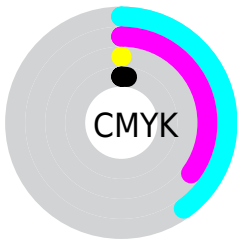
Distribution



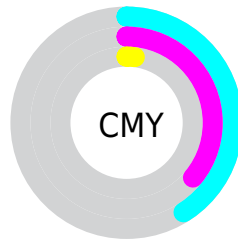
- Red (59%)
- Green (64%)
- Blue (98%)



- Red (59%)
- Yellow (63%)
- Blue (98%)



- Cyan (40%)
- Magenta (35%)
- Yellow (0%)
- Black (2%)





- Cyan (41%)
- Magenta (36%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3850, 0.2407, 0.2199 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 39.3850, 0.2407, 0.2199 by changing the saturation by 10% instead.


 39.3850, 0.2407,
0.2199


 39.3850, 0.2407,
0.2199


343.5246, 0.2769,
0.2718

 27.0594, 0.2319,
0.2080


 74.2261, 0.2537,
0.2380

 17.6178, 0.2208,
0.1934


 97.5104, 0.2587,
0.2450

 10.6759, 0.2064,
0.1751


125.2163, 0.2629,
0.2511

 5.8494, 0.1874,
0.1518

157.7282, 0.2665,
0.2563

 2.7537, 0.1614,
0.1218

195.4307, 0.2696,
0.2609

 1.0045, 0.1252,
0.0836

238.7079, 0.2723,

 0.0000, 0.0620,

0.2650

0.0000

287.9444, 0.2748,
0.2686

0.0000, 0.0000,
0.0000

39.3850, 0.2407,
0.2199

39.3850, 0.2407,
0.2199

30.0423, 0.2200,
0.1871

50.6436, 0.2609,
0.2513

22.5042, 0.2001,
0.1544

63.9124, 0.2800,
0.2803

16.6544, 0.1821,
0.1240

79.2847, 0.2974,
0.3064

12.3610, 0.1675,
0.0981

96.8466, 0.3130,
0.3294

9.4723, 0.1574,
0.0786

99.7460, 0.3150,
0.3328

■ 7.7882, 0.1518,
0.0663

■ 7.7646, 0.1517,
0.0661

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.3850, 0.2007, 0.2246



39.3850, 0.2407, 0.2199



39.3850, 0.3042, 0.2379

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.3850, 0.2407, 0.2199



39.3850, 0.4562, 0.3772



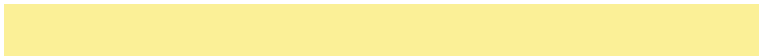
39.3850, 0.2437, 0.3918

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.3850, 0.2407, 0.2199



85.1528, 0.3764, 0.4185

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



39.3850, 0.3077, 0.4499



39.3850, 0.2407, 0.2199



39.3850, 0.4320, 0.4277

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.3850, 0.2407, 0.2199



39.3850, 0.4370, 0.3234



39.3850, 0.3767, 0.4596



39.3850, 0.2013, 0.3155

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.3850, 0.2407, 0.2199



39.3850, 0.3539, 0.2606



39.3850, 0.3767, 0.4596



39.3850, 0.2633, 0.4153

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.3865, 0.2407, 0.2199



78.4699, 0.2937, 0.3009



81.8461, 0.2630, 0.3422



16.3366, 0.2915, 0.2976



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.3865, 0.2407, 0.2199



32.7078, 0.2237, 0.1929



40.0014, 0.2666, 0.2151



16.9470, 0.2979, 0.3072



4.1806, 0.1521, 0.0676



0.4837, 0.1562, 0.0821

Inverse Universe

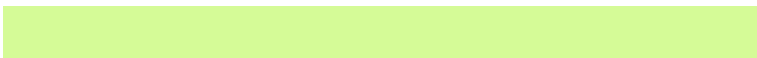
The Inverse Universe completely reimagines the original color for something new.



45.2851, 0.4026, 0.3177



39.9986, 0.4320, 0.3156



85.3451, 0.3459, 0.4376



17.2559, 0.3277, 0.3264



10.8329, 0.6273, 0.3229



1.0131, 0.6036, 0.3099

Previews

White Background



This preview shows how the Yxy color 39.3850, 0.2407, 0.2199 looks on a white background.

Color Contrast Check

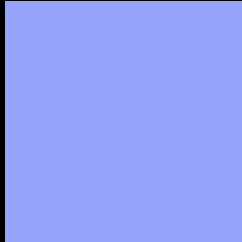
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 39.3850, 0.2407, 0.2199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

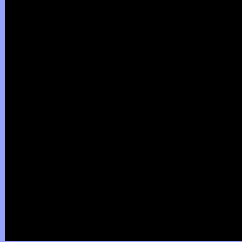
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3850, 0.2407, 0.2199

Background



This preview shows how black text looks on a background with the Yxy color 39.3850, 0.2407, 0.2199.



This preview shows how white text looks on a background with the Yxy color 39.3850, 0.2407, 0.2199.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.3850, 0.2407, 0.2199

Protanopia

39.3844, 0.2312, 0.2185

Deuteranopia

39.4451, 0.2307, 0.2242



Tritanopia

39.5683, 0.2704, 0.3087

Trichromacy



Original Color

39.3850, 0.2407, 0.2199

Protanomaly

39.3936, 0.2344, 0.2190

Deuteranomaly

39.3014, 0.2343, 0.2227

Tritanomaly

39.1656, 0.2581, 0.2714

Monochromacy



Original Color

39.3850, 0.2407, 0.2199

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.0773, 0.2826, 0.2843

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3850, 0.2407, 0.2199 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(151, 162, 251)` looks like.

```
.text, #text, p{  
    color:rgb(151, 162, 251)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(151, 162, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 162, 251) }
```

Border

The CSS property to change the border of an element to Yxy 39.3850, 0.2407, 0.2199 is called "border". The border property can be set on classes, ids or directly on the HTML element.

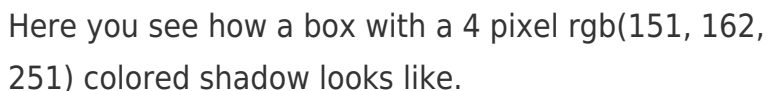
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 162, 251) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(151, 162, 251) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(151, 162, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 162, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 162, 251);  
box-shadow:4px 4px 4px 4px rgb(151, 162,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3850, 0.2407, 0.2199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 162, 251) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(151,  
162, 251) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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